

- Liquid filling apparatus for supplying e.g. sealing agent, adhesive to predetermined container - has controller which controls operation of stroke variable unit, changing stroke amount of piston, based on measurement result of weight measuring unit.

L15 ANSWER 304 OF 354 WPINDEX (C) 2003 THOMSON DERWENT
AN 1997-221456 [20] WPINDEX

DNN N1997-183289

DC Q31 Q39 S02 X25

PA (YOKO) YOKOHAMA RUBBER CO LTD

CYC 1

PI JP 09066995 A 19970311 (199720)* 5p

ADT JP 09066995 A JP 1995-223316 19950831

PRAI JP 1995-223316 19950831

AN 1997-221456 [20] WPINDEX

AB JP 09066995 A UPAB: 19970516

The apparatus includes a liquid storage tank (10) which stores liquid (A) to be filled. A measurement cylinder (11) sucks predetermined amount of liquid in the liquid storage tank due to reciprocation of a piston (11b) to one side of the cylinder. Liquid is discharged into a predetermined container (B) by reciprocating the piston to the other side of the cylinder.

A weight measuring unit (14) which calculates the weight of each container. A conveyor (13) transports each container to the bottom of the cylinder. A stroke variable unit (12), which changes the amount of stroke of the piston, is controlled by a controller (15) based on the measurement result of the weight measuring unit.

ADVANTAGE - Improves productivity since container can be filled with liquid even if container has varying weight. Accurately fills container since error is prevented even if weight of container rises.

Dwg.1/6